IN THE CLAIMS

Please amend the claims as follows:

1. ~~Television~~ A television system comprising a tuner for tuning video signals, a controller for controlling said tuner, and a stage for receiving tuned signals from said tuner and for supplying at least one control signal to said controller, wherein said stage comprises a phase-locked-loop coupled to receive said tuned signals, said phase-locked loop generating a lock signal when locked to said tuned signals, said lock signal forming, ~~with~~ said at least one control signal ~~comprising a lock signal originating from said phase locked loop~~for said controller.

2. ~~Television~~ The television system ~~according to~~as claimed in claim 1, wherein said television system comprises a synchronization generator for synchronizing video signals originating from said stage and for supplying at least one synchronization signal to said controller, said controller comprising ~~which comprises~~ a switch for, in dependence of said lock signal, taking or not taking into account said synchronization signal ~~or not~~.

3. ~~Television~~ The television system ~~according to~~as claimed in claim 2, wherein said controller, in a fast tuning mode, controls said tuner such that one or more frequencies nearby one or more active channels are detected, with said controller, in a fine

tuning mode, controlling said tuner such that one or more channel frequencies are identified.

4. ~~Television~~ The television system ~~according to~~ as claimed in claim 3, wherein said controller receives a further control signal, and wherein said stage comprises an intermediate frequency stage having means for generating a fine tuning signal, said fine tuning signal ~~for supplying said control signal further~~ comprising ~~a fine tuning signal to said controller~~ said further control signal.

5. ~~Television~~ The television system ~~according to~~ as claimed in claim 4, wherein a number of channels are predefined channels in accordance with a frequency table.

6. ~~Television~~ The television system ~~according to~~ as claimed in claim 5, wherein said lock signal is a phase-locked-loop lock bit derived from an alternating current content of an oscillator input signal in said phase-locked-loop.

7. ~~Controller~~ A controller for use in television system comprising a tuner for tuning video signals and said controller for controlling said tuner and a stage for receiving tuned signals from said tuner and for supplying at least one control signal to said controller, wherein said stage comprises a phase-locked-loop coupled to receive said tuned signals, said phase-locked loop generating a lock signal when locked to said tuned signals, said

lock signal forming, ~~with~~ said at least one control signal ~~comprising a lock signal originating from said phase locked loop~~for said controller.

8. ~~Controller according to~~ The controller as claimed in claim 7, wherein said television system comprises a synchronization generator for synchronizing video signals originating from said stage and for supplying at least one synchronization signal to said controller ~~which comprises~~, said controller comprising a switch for, in dependence of said lock signal, taking or not taking into account said synchronization signal ~~or not~~.

9. ~~Method~~ A method for use in television system comprising a tuner for tuning video signals and a stage for receiving tuned signals from said tuner, ~~which~~ said method ~~comprises~~ comprising the step~~s~~ of:

~~controlling~~ tuning said tuner to one of a plurality of frequencies at which video signal should be located;

determining whether a channel is active at the tuned frequency using ~~in response to at least one control signal originating from said stage, wherein said stage comprises~~ a phase-locked-loop in said stage, said phase-locked loop being coupled to an output of the tuner and generating a lock signal in response thereto; and

controlling the tuner, with ~~said~~ a control signal comprising ~~a~~ said lock signal ~~originating from said phase locked loop~~.

10. ~~Processor program product~~A computer-readable medium for use in television system comprising a tuner for tuning video signals ~~and~~, a stage for receiving tuned signals from said tuner and a controller, which ~~processor program product~~said computer-readable medium having programming instructions stored thereon for causing the controller to ~~comprises the function of controlling said tuner in response to at least one control signal originating from said stage, wherein said stage comprises a phase locked loop, with said control signal comprising a lock signal originating from said phase locked loop~~execute the method as claimed in claim 9.